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**OFFICIAL**

**PATENT**

(Practitioner's Docket No. IN-5544)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Wolfgang BREMSER

Serial No. 10/018,350

Group Art Unit: Not Assigned

Filed: December 7, 2001

Examiner: Not Assigned

For COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING, METHOD FOR THE PRODUCTION THEREOF AND ITS USE

Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**FAX RECEIVED**  
**APR 29 2003**  
**GROUP 1700**

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office (fax No.: **(703) 872-9310**) on the date shown below:

- ☒ Petition for reconsideration of the Notification of Missing Requirements in duplicate
- ☒ Copy of the Notification of Missing Requirements
- ☒ True copies of:
  - Combined Declaration/Power of Attorney
  - PCT Published Application (cover sheet only)
  - Return Receipt Postcard

**Total pages 13.**

**CONDITIONAL PETITION FOR EXTENSION OF TIME**

Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition for extension of time. In this event, please charge Deposit Account 23-3425 the necessary extension of time fees. This document is submitted in duplicate.

Monday, April 28, 2003

Date

Marjorie Ellis

(Typed or printed name of person mailing paper or fee)

  
Signature of person mailing paper or fee)

PATENT

(Practitioner's Docket No. IN-5544)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Wolfgang BREMSER

Serial No.: This application is a National  
Phase of Patent Application  
PCT/EP00/00/05825 filed 23. June 2000.

Group Art Unit: Not Assigned

Filed: December 7, 2001

Examiner: Not Assigned

For: COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING,  
METHOD FOR THE PRODUCTION THEREOF AND ITS USE

Assistant Commissioner of Patents  
2900 Crystal Drive  
Box PCT  
Arlington, VA 22202-3513

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number E332278641US Date of Deposit December 7, 2001

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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, 2900 Crystal Drive, Box PCT, Arlington, VA 22202-3513

Marjorie Ellis

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## (12) NACH DEM VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT) VERÖFFENTLICHTE INTERNATIONALE ANMELDUNG

(19) Weltorganisation für geistiges Eigentum  
Internationales Büro(43) Internationales Veröffentlichungsdatum  
11. Januar 2001 (11.01.2001)

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- (51) Internationale Patentklassifikation: **B05D**
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- (22) Internationales Anmeldedatum:  
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- (23) Einreichungssprache: **Deutsch**
- (26) Veröffentlichungssprache: **Deutsch**
- (30) Angaben zur Priorität:  
199 30 066.6 30. Juni 1999 (30.06.1999) **DE**
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- (74) Anwalt: **FITZNER, Uwe; Lintorfer Str. 10, D-40878 Ratingen (DE).**

(81) Bestimmungsstaaten (national): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**

(84) Bestimmungsstaaten (regional): **ARIPO-Patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), europäisches Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), europäisches Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI-Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).**

## Veröffentlicht:

— Ohne internationalen Recherchenbericht und erneut zu veröffentlichen nach Erhalt des Berichts.

Zur Erklärung der Zweibuchstaben-Codes, und der anderen Abkürzungen wird auf die Erklärungen ("Guidance Notes on Codes and Abbreviations") am Anfang jeder regulären Ausgabe der PCT-Gazette verwiesen.

(54) Title: **COLORING AND/OR EFFECT-CREATING MULTILAYER ENAMEL COATING. METHOD FOR THE PRODUCTION THEREOF AND ITS USE**

(54) Bezeichnung: **FARB- UND/ODER EFFEKTEGEBENDE MEHRSCHICHTLACKIERUNG, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG**

(57) Abstract: The invention relates to a coloring and/or effect-creating multilayer enamel coating ML which is provided for a primed or non-primed substrate and which contains, in an overlapping manner: (1) a filler coat FL which absorbs mechanical energy, and (2) a coloring and/or effect-creating finishing enamel coating DL; or (1) a filler coat FL which absorbs mechanical energy, (2) a coloring and/or effect-creating base enamel coating BL, and (3) a clear enamel coating KL; or (1) a coloring and/or effect-creating base enamel coating BL, and (2) a clear enamel coating KL. At least one coat, preferably at least two coats and especially all coats of the multilayer enamel coating ML is/are made of a coating material that contains at least one constituent (A) which can be produced in an aqueous medium by radically polymerizing: a) olefinically unsaturated monomers and; b) olefinically unsaturated monomers which are different from the olefinically unsaturated monomers cited in a) and which are of formula (I)  $R^1R^2C=CR^3R^4$ , wherein the radicals  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$ , independent of one another, represent hydrogen atoms or radicals of alkyl, cycloalkyl, alkylcycloalkyl, cycloalkylalkyl, aryl, alkylaryl, cycloalkylaryl, arylalkyl or arylcycloalkyl, whereby at least two are radicals of aryl, arylalkyl or arylcycloalkyl.

(57) Zusammenfassung: Farb- und/oder effektegebende Mehrschichtlackierung ML für ein grundiertes oder ungrundiertes Substrat, die (1) eine mechanische Energie absorbierende Füllerschicht FL und (2) eine farb- und/oder effektegebende Decklackierung DL oder (1) eine mechanische Energie absorbierende Füllerschicht FL, (2) eine farb- und/oder effektegebende Basislackierung BL und (3) eine Klarlackierung KL oder (1) eine farb- und/oder effektegebende Basislackierung BL und (2) eine Klarlackierung KL übereinanderliegend enthält, wobei mindestens eine Schicht, vorzugsweise mindestens zwei Schichten und insbesondere alle Schichten der Mehrschichtlackierung ML aus einem Beschichtungsmittel hergestellt worden ist oder sind, welcher mindestens einen Bestandteil (A) enthält, der durch radikalische Polymerisation von a) olefinisch ungesättigten Monomeren und b) von den olefinisch ungesättigten Monomeren (a) verschiedenen olefinisch ungesättigten Monomeren:  $R^1R^2C=CR^3R^4$  (I), worin die Reste  $R^1$ ,  $R^2$ ,  $R^3$  und  $R^4$  jeweils unabhängig voneinander für Wasserstoffatome oder Alkyl-, Cycloalkyl-, Alkylcycloalkyl-, Cycloalkylalkyl-, Aryl-, Alkylaryl-, Cycloalkylaryl-, Arylalkyl- oder Arylcycloalkylreste stehen, wobei mindestens zwei Aryl-, Arylalkyl- oder Arylcycloalkylreste sind; in einem wässrigen Medium herstellbar ist.

WO 01/02102, A2



UNITED STATES PATENT AND TRADEMARK OFFICE

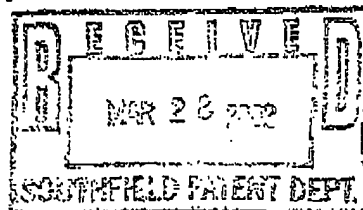
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/018,350	Wolfgang Bremser	IN-5544

26922  
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INTERNATIONAL APPLICATION NO.
PCT/EP00/05825

LA. FILING DATE	PRIORITY DATE
06/23/2000	06/30/1999



CONFIRMATION NO. 4876

371 FORMALITIES LETTER



Date Mailed: 03/20/2002

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Assignee Statement
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Oath or Declaration
- Preliminary Amendments

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - does not identify the application to which it is directed.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Page 2 of 2

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice MUST be returned with the response.*

FREDERICK SMITH

Telephone: (703) 305-3654

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,350	PCT/EP00/05825	IN-5544

FORM PCT/DO/EO/905 (371 Formalities Notice)

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## THIS ACKNOWLEDGES:

<input checked="" type="checkbox"/>	Transmittal Form 1390 under 35 USC §371 in triplicate	<input checked="" type="checkbox"/>	Patent Application Data Sheet
<input checked="" type="checkbox"/>	PCT Published Application cover sheet only	<input checked="" type="checkbox"/>	Information Disclosure Statement
<input checked="" type="checkbox"/>	Recordation Form Cover Sheet in triplicate	<input checked="" type="checkbox"/>	Preliminary Amendment 37 CFR
<input checked="" type="checkbox"/>	PTO-1449 Form & Cited Reference(s)	<input checked="" type="checkbox"/>	Statement under 37 CFR § 3.73§1.115
<input checked="" type="checkbox"/>	Cover Page of the Priority Document	<input checked="" type="checkbox"/>	Assignment to BASF
<input checked="" type="checkbox"/>	Combined Declaration/Power of Attorney	<input checked="" type="checkbox"/>	International Search Report
<input checked="" type="checkbox"/>	PCT/EP00/05825 Application Original German Text	<input checked="" type="checkbox"/>	PCT/EP00/05825 Application English Translation
<input checked="" type="checkbox"/>	Specification on 59 page(s)	<input checked="" type="checkbox"/>	Specification on 78 page(s)
<input checked="" type="checkbox"/>	Claims on 09 page(s)	<input checked="" type="checkbox"/>	Claims on 11 page(s)
<input checked="" type="checkbox"/>	Abstract on 01 page(s)	<input checked="" type="checkbox"/>	Abstract on 02 page(s)
<input checked="" type="checkbox"/>	Drawing(s) on page(s)	<input checked="" type="checkbox"/>	Drawing(s) on page(s)

Application No.:

Pocket No.:

IN-5544

Filing Date:

December 7, 2001

Inventor(s):

Wolfgang BREMSER

Attorney(s):

Michael F. Morgan X Mary E. Golota

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